



Instrument Control Number

20150399900100

Commonwealth of Virginia

Land Record Instrument

Cover Sheet-Form A

Instrument 201503999
Recorded in the Clerk's Office of
Wise County and the City of Norton
On Aug 20, 2015 at 11:24 AM.
J. Jack Kennedy, Jr., Clerk
Recorded by: April Huff
(Box For Deed Stamp Only)

[efileCX Coverhseet 1.0]

Instrument Type: [ODU]
Number of Parcels [1]
Number of Pages [6]
City ☐ County ☒ [Wise County/City of Norton, VA]

First and Second Grantors

| Last Name | First Name | Middle Name | Suffix |
|---------------------------------|------------|-------------|--------|
| [EQUITABLE PRODUCTION COMPANY] | [] | [] | [] |

First and Second Grantees

| Last Name | First Name | Middle Name | Suffix |
|-----------------------------|------------|-------------|--------|
| [VIRGINIA GAS & OIL BOARD] | [] | [] | [] |

Grantee Address (Name) [VIRGINIA GAS & OIL BOARD]
(Address 1) []
(Address 2) []
(City, State, Zip) [] [] []

Consideration[00.00] Assessed Value[00.00]

Prior Instr. Recorded at: City ☐ County ☒ Other ☐

Book [0000] Page[00000] Instr. No.[]

Parcel Identification no. {PIN} [000000]

Short Property Description [ESTABLISHMENT OF A PROVISIONAL DRILLING UNIT; RICHMOND

Current Property Address (Address1) [MAGISTERIAL DISTRICT, WISE COUNTY, VIRGINIA.]

(Address2) [SEE DOCUMENT]

(City, State, Zip) []

[WISE] [VA] [24293]

Instrument Prepared by [DEPARTMENT OF MINES, MINERALS AND ENERGY]

Recording Paid for by [DEPARTMENT OF MINES, MINERALS AND ENERGY]

Return Recording to (Name) [DEPARTMENT OF MINES, MINERALS AND ENERGY]

(Address1) [135 HIGHLAND DRIVE]

(Address2) [P. O. DRAWER 159]

(City, State, Zip) [LEBANON] [VA] [24266]



INSTRUMENT PREPARED BY
VIRGINIA GAS AND OIL BOARD

ORDER RECORDED UNDER CODE
OF VIRGINIA SECTION 45.1-361.26

VIRGINIA:

BEFORE THE VIRGINIA GAS AND OIL BOARD

| | | |
|--------------------|---|----------------------|
| APPLICANT: | EQT PRODUCTION COMPANY |) VIRGINIA GAS |
| | |) AND OIL BOARD |
| | |) |
| | |) |
| RELIEF SOUGHT: | ESTABLISHMENT OF A PROVISIONAL DRILLING |) |
| | UNIT CONSISTING OF 320 ACRES DESCRIBED |) DOCKET NO. |
| | AND DEPICTED IN EXHIBIT A (herein "Subject Lands" |) VGOB 10/11/16-2870 |
| | PURSUANT TO VA CODE § 45.1-361.20; |) |
| | FOR THE DRILLING OF HORIZONTAL |) |
| | CONVENTIONAL GAS WELLS |) |
| | |) |
| | |) |
| LEGAL DESCRIPTION: | |) |
| | |) |
| | SUBJECT DRILLING UNIT SERVED BY |) |
| | WELL: VH-531267 |) |
| | TO BE DRILLED IN THE LOCATION |) |
| | DEPICTED ON "EXHIBIT A" HERETO, |) |
| | APPALACHIA QUADRANGLE |) |
| | RICHMOND MAGISTERIAL DISTRICT |) |
| | WISE COUNTY, VIRGINIA |) |

REPORT OF THE BOARD

FINDINGS AND ORDER

1. **Hearing Date and Place:** This matter came before the Virginia Gas and Oil Board (hereafter "Board") for final hearing at 9:00 a.m. on November 16, 2010, at the Russell County Conference Center, Lebanon, Virginia.

2. **Appearances:** James E. Kaiser, of Wilhoit and Kaiser, appeared for the Applicant. Sharon M.B. Pigeon, Assistant Attorney General was present to advise the Board.

3. **Jurisdiction and Notice:** Pursuant to Va. Code § 45.1-361.1 et seq., the Board finds that it has jurisdiction over the subject matter. Based upon the evidence presented by Applicant, the Board also finds that the Applicant has (1) exercised due diligence in conducting a meaningful search of reasonably available sources to determine the identity and whereabouts of each gas and oil owner, coal owner, or mineral owner entitled by the V.A. Code and Board Rules to Notice hereof; and (2) has represented to the Board that it has given notice to those parties (hereafter sometimes "person(s)" whether referring to individuals, corporations, partnerships, associations, companies, businesses, trusts, joint ventures or other legal entities) entitled by Va. Code § 45.1-361.19 to notice of the Application filed herein; Whereupon, the Board hereby finds that the notices given herein satisfy all statutory requirements, Board rule requirements and the minimum standards of due process.

4. **Relief Requested:** Applicant request the Board issue an order providing as follows:

An establishment of a provisional unit for the exploration, development and production of conventional natural gas from the pool defined as the top of the Mississippi-Devonian Age formations, including, but not limited to, the Weir, Big Lime, Berea, Devonian Shale, and all zones in communication therewith and all productive extensions thereof (hereinafter the "Pool"), underlying the area, as depicted in Exhibit "A" and described as follows:

Said boundaries are described using the State Plane Coordinate System as required by 4 VAC 25-160-50.5.c.

Beginning at approximate Virginia State Plane Coordinate (NAD 1927, South Zone): N: 263,317.88; E: 744,163.84, thence East to Virginia State Plane Coordinate (NAD 1927, South Zone): N 263,156.44; E 747,893.87; thence South to Virginia State Plane Coordinate (NAD 1927, South Zone): N 259,426.42; E 747,732.43; thence West to Virginia State Plane Coordinate (NAD 1927, South Zone): N 259,587.86; E 744,002.40; thence North to the point of beginning containing 320.00 acres.

Providing that operations under and in accordance with this order shall be regarded and considered as development, operation and production upon all lands included within the subject provisional drilling unit. Production from any wells drilled on operated, or produced from any part of the provisional drilling unit, no matter where located, shall for all purposes be regarded as production from each separately-owned tract within the subject provisional drilling unit. The portion of production produced from and attributed to the provisional drilling unit and any separately owned tract therein, shall be deemed for all purposes to have been actually produced from such provisional drilling unit and tract, and development, exploration or production operation with respect to any portion of the provisional drilling unit shall be deemed for all purposes to be the conduct of such operation for the production of gas from each separately owned tract in said unit.

5. **Relief Granted:** Granting of such other relief as is merited by the evidence and is just and equitable whether or not such relief has been specifically requested herein shall be and hereby is granted.

6. **Special Findings:** The Board finds:

- (1) To Establish a Provisional Drilling Unit pursuant to Va. Code § 45.1-361.20;
- (2) Allow multiple wells within the provisional drilling unit established hereby as depicted on Exhibit "A"
- (3) Approve that the dimensions of the unit be 3733' by 3733'
- (4) That the Unit be established with a 300' interior window with a 600' standoff from horizontal wellbores in adjacent units;
- (5) That the operator be allowed to drill surface locations (top-hole) outside of the unit so long as all production comes from within the interior window of the unit, and
- (6) That there be a minimum of 600' between any horizontal wellbore and any vertical well producing from that horizon and that
- (7) The Order provides for multiple wells for maximum drainage.
- (8) The Board finds the subject drilling unit conforms to the mine development plan and corresponds with mine operations, including, without limitation, the drilling of multiple conventional gas wells in the subject drilling unit.

7. **Conclusion:** Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.

8. **Appeals:** Appeals of this Order are governed by the provisions of Va. Code Ann. § 45.1-361.9 which provides that any order or decision of the Board may be appealed to the appropriate circuit court.

9. **Effective Date:** This Order shall be effective as of the date of the Board's approval.

DONE AND EXECUTED this 13th day of August, 2015, by a majority of the Virginia Gas and Oil Board.

Bradley C. Lambert
Bradley Lambert, Chairman

DONE AND EXECUTED this 13th day of August, 2015, by a majority of the Virginia Gas and Oil Board.

Rick Cooper
Rick Cooper
Principal Executive to the Staff
Virginia Gas and Oil Board

STATE OF VIRGINIA
COUNTY OF RUSSELL:

Acknowledged this 13th day of August, 2015, personally before me a notary public in and for the Commonwealth of Virginia, appeared Bradley Lambert, being duly sworn did depose and say that he is Chairman of the Virginia Gas and Oil Board and Rick Cooper being duly sworn did depose and say that he is Principal Executive to the Staff of the Virginia Gas and Oil Board, that they executed same and were authorized to do so.

Sally Settle Ketron
Sally Settle Ketron

My Commission Expires January 31, 2019



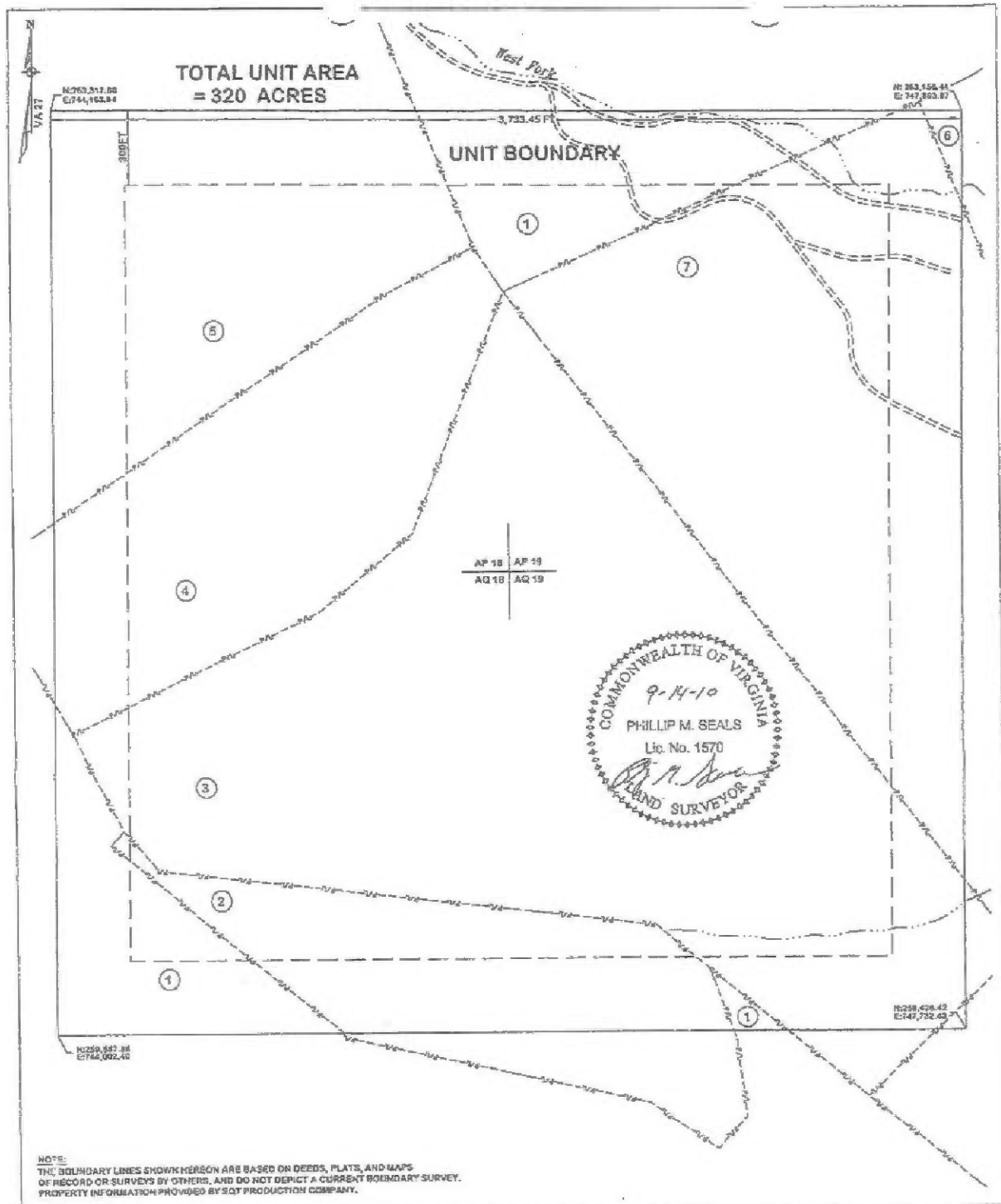


Exhibit A

COMPANY EQT PRODUCTION CO. WELL NAME OR NUMBER (Roaring Fork Units AP 18 AP 19, AQ 18 & AQ 19)

TRACT NO. PV-128 DISTRICT Richmond QUADRANGLE Appalachia

COUNTY Wise SCALE: 1" = 400' DATE 9-14-10

EXHIBIT PL-1
Property Ownership Information

①

LEASE NO. 223096L/ PV-128
 HAGAN & OLINGER
 5135.06 ACRES
 PENN VIRGINIA OPERATING COMPANY, LLC
 surface, coal, oil & gas
 GAS 31.76 AC. 9.92 %

②

LEASE NO. 223096L/ PV-112
 HENRY CREECH
 100.00 ACRES
 PENN VIRGINIA OPERATING COMPANY, LLC
 surface, coal, oil & gas
 GAS 22.58 AC. 7.06 %

③

LEASE NO. 223096L/ PV-107
 ANDREW SHEPARD
 41.69 ACRES
 PENN VIRGINIA OPERATING COMPANY, LLC
 surface, coal, oil & gas
 GAS 114.86 AC. 35.69 %

④

LEASE NO. 223096L/ PV-106
 ALEX McKENNY
 50.00 ACRES
 PENN VIRGINIA OPERATING COMPANY, LLC
 surface, coal, oil & gas
 GAS 39.25 AC. 12.27 %

⑤

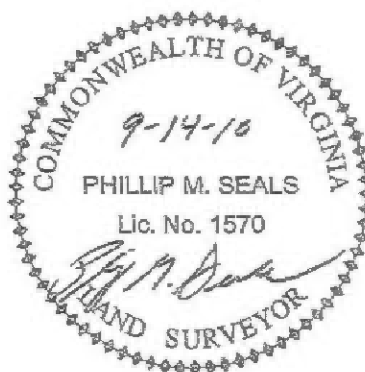
LEASE NO. 223096L/ PV-105
 ISON SHEPHERD
 105.00 ACRES
 PENN VIRGINIA OPERATING COMPANY, LLC
 surface, coal, oil & gas
 GAS 41.66 AC. 13.02 %

⑥

LEASE NO. 223096L/ PV-167
 UNKNOWN TRACT NAME
 112 ACRES
 PENN VIRGINIA OPERATING COMPANY, LLC
 surface, coal, oil & gas
 GAS 0.70 AC. 0.22 %

⑦

LEASE NO. 223096L/ PV-108
 DOC SHEPARD
 118.21 ACRES
 PENN VIRGINIA OPERATING COMPANY, LLC
 surface, coal, oil & gas
 GAS 69.19 AC. 21.62 %



Exhibit**VGOB 10/11/16-2870**

Penn Virginia Operating Co., LLC
Attn: John Keith
Seven Sheridan Square Suite 400
Kingsport, Tennessee 37660

Recorded in the Clerk's Office of
Wise County and the City of Norton
On Aug 20, 2015 at 11:24 AM.
J. Jack Kennedy, Jr., Clerk
Recorded by: April Huff